



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

DATE: March 5, 2002

SUBJECT: **POLREP for the Eagle Picher Residential Site, East St. Louis, St. Clair County, Illinois**

FROM: Kevin Turner, Thomas Cook, Mike Harris, U.S. EPA OSC, Region 5, ERB, Chicago, IL.

TO: C. Stanton, U.S. EPA, OSWER, Washington D.C. (stanton.colby@epa.gov)
R. Karl, U.S. EPA, ERB Chief, Chicago, IL (karl.richard@epa.gov)
B. Bolen, U.S. EPA, Chief Section 2, Chicago, IL (bolen.bill@epa.gov)
L. Nachowicz, U.S. EPA Chief Section 3, Chicago, IL (nachowicz.linda@epa.gov)
B. Messenger, U.S. EPA Chief EES, Chicago, IL (messenger.william@epa.gov)
V. Mullins, U.S. EPA Enforcement Specialist, Chicago, IL (mullins.valerie@epa.gov)
D. De Blasio, U.S. EPA, Public Affairs, Chicago, IL (deblasio.don@epa.gov)
D. Novak, U.S. EPA, RPM, Chicago, IL (novak.dion@epa.gov)
T. Martin, U.S. EPA, ORC, Chicago, IL (martin.thomas@epa.gov)
N. Emeric, U.S. EPA, Gateway Team Leader, Chicago, IL (emerick.noemi@epa.gov)
O. Warnsley, U.S. EPA, Chicago, IL (warnsley.oliver@epa.gov)
B. Everetts, Illinois EPA, Springfield, IL (bruce.everetts@epa.state.il.us)
T. Miller, Illinois EPA, Collinsville, IL (tom.miller@epa.state.il.us)

POLREP #: POLREP #2 - Fund Lead Removal

II. BACKGROUND

Response Authority:	CERCLA (# ILN000508196)	State Notification:	08/31/2001
NPL Status:	Non-NPL	Start Date:	02/11/ 2002
Latitude:	38°38'09"N	Completion Date:	NA
Longitude:	90°08'56"W	Action Memorandum Status:	08/31/ 2001

III. SITE INFORMATION**A. Incident Category**

Residential Removal

B. Site Description

1. Site location

See Initial POLREP

2. Description of threat

See Initial POLREP

C. Preliminary Assessment/Site Inspection Results

See Initial POLREP

IV. SITE INFORMATION

A. Situation

1. Response activities to date

Work proceeded with the following:

- START member continued to screen residential areas with the X-ray fluorescence (XRF) spectrometer. Screening revealed soil lead levels above the U.S. EPA site specific residential action level of 400 mg/kg;
- Although the lead levels often exceed the site specific action level, the toxicity characteristic leaching procedure (TCLP) analysis from the site assessment was well below the regulatory level of 5 mg/L. Therefore, excavated soils hauled from the site are being considered low level lead contaminated soil;
- The areas excavated are screened with an XRF and those areas above the site specific residential cleanup levels were marked for excavation;
- After residence owners sign an access agreement, an XRF is used to screen the areas for EPA's site specific lead residential action level of 400 mg/kg;
- Before excavation began at a residence, the property and home was video documented to protect against any possible damage claims;

2. Removal activities to date:

- Access agreements have been signed;
- A total of 1,671.52 tons of low level lead contaminated soil was hauled from the site and

residential properties:

- A total of 726 tons of clean backfill has been placed on site

3. Enforcement:

Enforcement/Cost recovery actions are pending.

B. Planned Removal Activities

- Transport low level lead contaminated soil off site for disposal.

C. Next Steps

- Secure access, excavate residential properties, and backfill excavated areas with clean fill.

D. Key Issues

- Securing access from residential home owners.
- Adverse weather conditions may delay future site activities.

V. COSTS

	<u>Cost to date</u>	<u>Ceiling</u>	<u>% Remaining</u>
ERRS	\$69,824	\$226,210	69.1%
START	\$8,150	\$15,765	48.3%
EPA	\$3,200	\$22,410	85.7%
TOTAL	\$81,174	\$264,385	69.3%

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

Wastestream	Medium	Quantity	Transportation	Treatment	Disposal
Lead	Soil	1,671.52 Tons	Truck	NA	Landfill